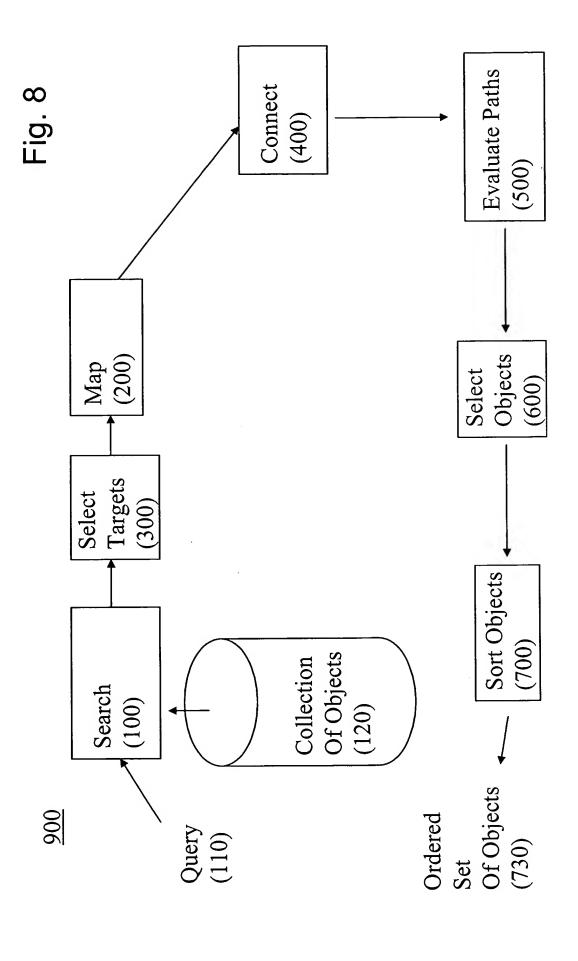
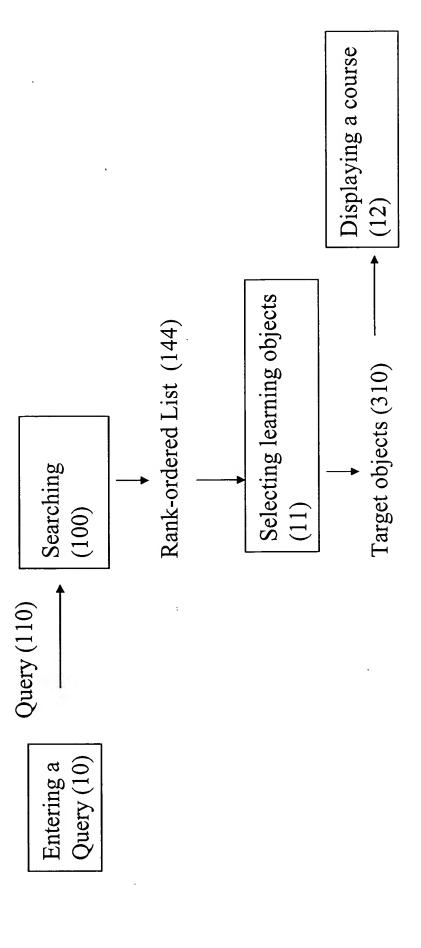


<u>100</u>





```
133 media ("text/html", "video/mpeg", etc.)
134 resource types ("slide", "exercise", "diagram", etc.)
135 difficultylevel ("very easy", "easy", "medium",
                                                                                                                                                                                                                          136 roles ("introduction", "motivation", etc.)
                                                                                                                                                                                      "difficult", "very difficult")
                                   132 duration (in minutes)
131 categories (A, B)
```

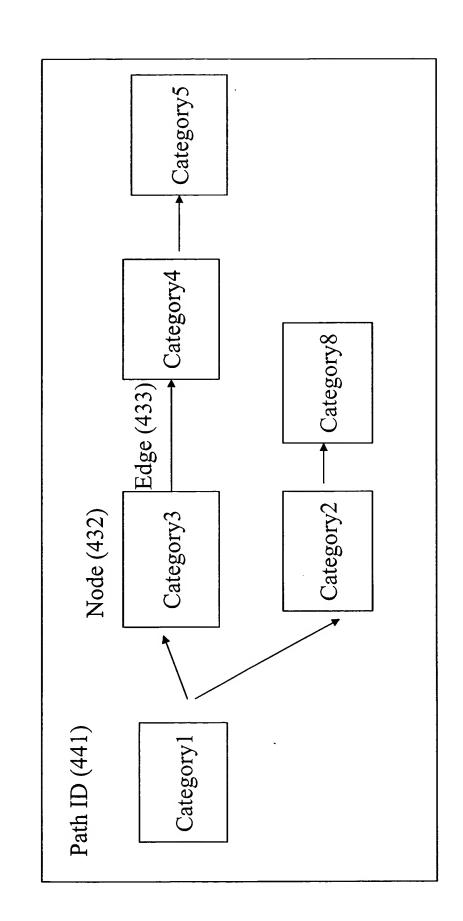
object identifier (151)

Category (221)	Url1	ur12	ur13
A	1	1	0
В	0	0	1
C	0	0	0
D	0	0	0

Categories (131)	Number of objects	jects Sum of scores (233)	Average score (234)	Number of target
	(232)			objects (235)
A				
В				
C			Sales Control of the	
D				

Category Nodes (411)	A	В	2	D
A	0	1	1	1 0
В	0	0	0	1
Э	0		0	1
D	0		1	0

Category relationship edges (412)



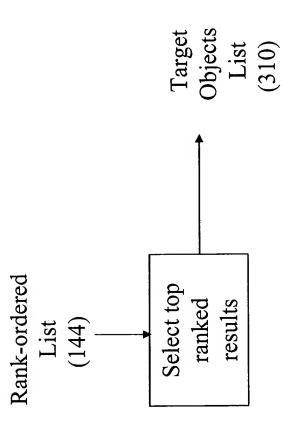
Patrs ID(441) Patr length	Path length	Nurbar of	Number of	Total score	Total duation	Nurber of
,	(442)	breaks (443)	targets (444)	(445)	(446)	objects (447)

Organization Element (731)

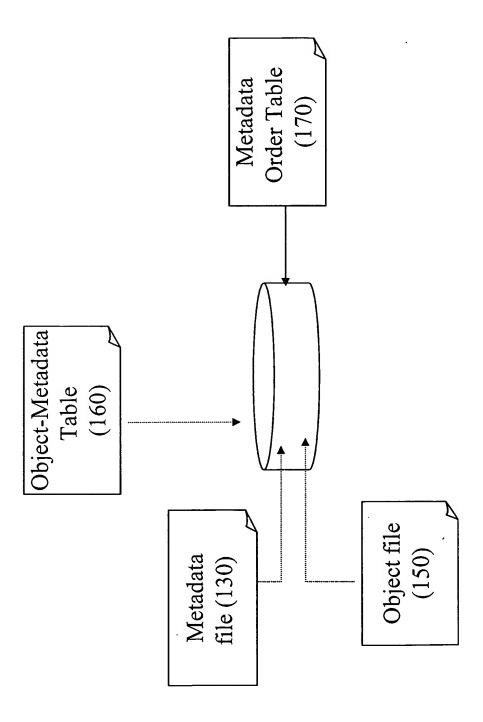
aggregateurl1

Item1 id1
Item2 id2 Item Element (732)
Item3 id2

Resource element (733)
id1 url3 object id (151)
id2 url4



ull
uf3
r_{1}
unique object identifier (151)



Category Order (710)	Role Order (720)	Difficulty Order (740)	Resource Type Order (750)
A	Introduction	Very Easy	Slides
2	Motivation	Easy	Text
В	Concepts	Medium	
ш	Procedures	Difficult	
D	Concliusions	Very Difficult	

111 keywords

112 duration

113 search scope

114 desiredmedia types& resource types

116 desireddifficulty levels

List of String: {"j2ee", "websphere"}

Tuple of 2 Integers: [min, max]

String: one of "overview" or "indepth"

List of String: {"text", "slide"}

List of String: {"very easy" "easy"}

Object Identifier (151)	Score (143)
ur4	5.0
ur16	9 /
ur 13	83

